

REMARKS

This patent application presently includes Claims 1-6, of which Claims 1 and 2 are withdrawn as not directed to an elected invention and Claims 3-6 are rejected. Claim 3 is amended to define the applicants' invention more clearly, and all rejections are respectfully traversed.

The examiner objected to Claim 3 owing to the misspelling of "inside" at Line 9. This has now been corrected, so this objection should be withdrawn.

Claims 3-6 were rejected under 35 U.S.C. §112 as indefinite. The examiner required the correction of "crosswise to a front-to-rear direction" in the second line of the last subparagraph of Claim 3. This has now been corrected to read "crosswise to the windings." This is believed to be clear and concise, so this rejection should be withdrawn.

Claims 3-6 were rejected under 35 U.S.C. §103(a) as obvious over Togane et al., U.S. Patent No. 5,138,290 in view of Milili, U.S. Patent No. 5,121,028. This rejection is respectfully traverse. Neither reference, nor the combination thereof, renders these claims obvious.

As currently amended, Claim 3 recites that the coiling density adjustment groove is formed to face away from the cathode-ray tube on the exterior of the coil. This is illustrated, for example, in Fig. 10 of the application where the groove B is shown formed crosswise to the windings on the concave or exterior surface of the coil, which faces away from the cathode-ray tube. This increases the coiling density of the electric field underlining the groove and at the surface of the cathode-ray tube.

In contrast, as may be seen in Fig. 5 of Milili, using the tabs disclosed therein actually forms spaces in the coil winding, which weakens the electric field. This is confirmed by the fact that Milili also describes the tabs as "shunts" (see Column 5, Line 45). In addition, in Milili, the tabs 100' "are placed on the side of the saddle coil 10 that faces the glass envelope of the CRT 100" (Column 5, Lines 48-50). Any "groove" that this produces is on the surface of the coil that faces the cathode-ray tube, is not on the exterior of the coil and does not face away from the cathode-ray tube,

